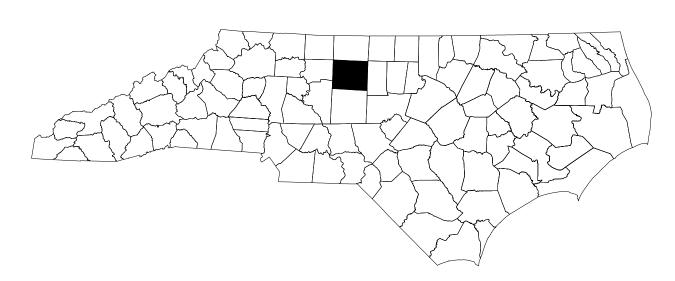
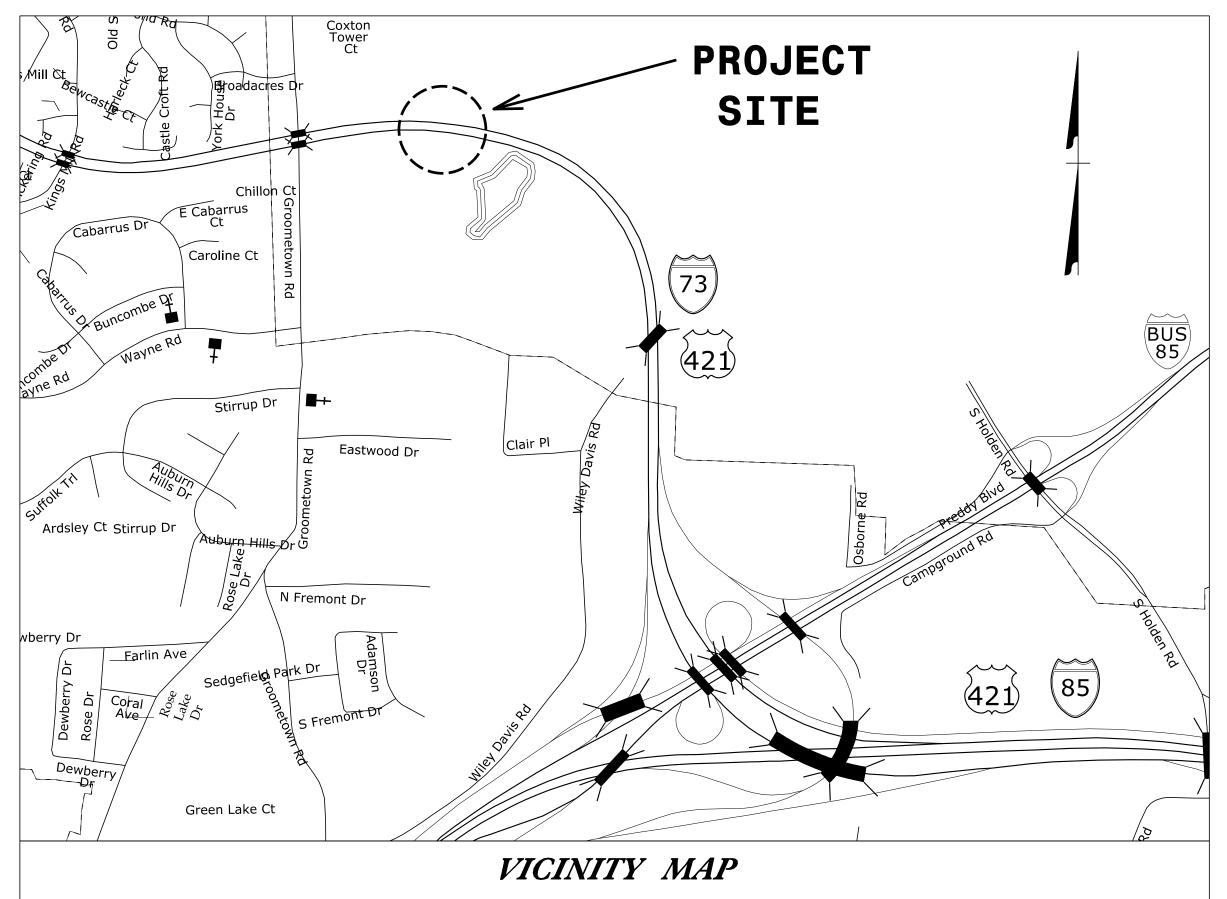
## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

# TRANSPORTATION MANAGEMENT PLAN

## GUILFORD COUNTY





LOCATION: I-73(SB) NEAR EXIT 97

TYPE OF WORK: OVERHEAD SIGN STRUCTURE INSTALLATION

WORK ZONE SAFETY & MOBILITY "from the MOUNTAINS to the COAST"

N.C.D.O.T. WORK ZONE TRAFFIC CONTROL 1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 773-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER

DAVID BISSETTE, P.E. TRAFFIC CONTROL PROJECT ENGINEER

MICHAEL STEELMAN TRAFFIC CONTROL PROJECT DESIGN ENGINEER RASAY ABADILLA, P.E. TRAFFIC CONTROL DESIGN ENGINEER

## INDEX OF SHEETS

SHEET NO.

TITLE

TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS TMP - 1

LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND TMP-1A

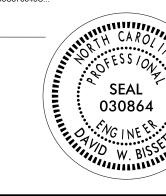
TRANSPORTATION OPERATIONS PLAN: MANAGEMENT STRATEGIES, GENERAL NOTES AND PHASING TMP-2-3

.5601G

DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED** 

APPROVED: Parid **DATE:** 10/20/2016

SEAL



## ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION

PROJ. REFERENCE NO. SHEET NO. TMP-1A

## **LEGEND**

#### **GENERAL**

DIRECTION OF TRAFFIC FLOW

DIRECTION OF PEDESTRIAN TRAFFIC FLOW

----- EXIST. PVMT.

NORTH ARROW

---- PROPOSED PVMT.

TEMP. SHORING (LOCATION PURPOSES ONLY)

WORK AREA

REMOVAL

USER DEFINED (IF NEEDED)

USER DEFINED (IF NEEDED)

## SIGNALS

EXISTING

PROPOSED

## PAVEMENT MARKINGS

——EXISTING LINES
——TEMPORARY LINES

### TRAFFIC CONTROL DEVICES

BARRICADE (TYPE III)

COI

DRUM SKINNY DRUM © TUBULAR MARKER

TEMPORARY CRASH CUSHION

FLASHING ARROW BOARD

FLAGGER

LAW ENFORCEMENT

TRUCK MOUNTED ATTENUATOR (TMA)

CHANGEABLE MESSAGE SIGN

## TEMPORARY SIGNING

PORTABLE SIGN

─ STATIONARY SIGN

STATIONARY OR PORTABLE SIGN

## PAVEMENT MARKERS

CRYSTAL/CRYSTAL

CRYSTAL/RED

YELLOW/YELLOW

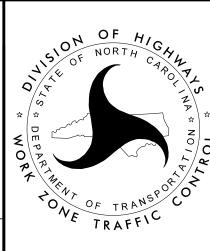
## PAVEMENT MARKING SYMBOLS

PAVEMENT MARKING SYMBOLS

DATE:

DOCUMENT NOT CONSIDERED FINAL

**UNLESS ALL SIGNATURES COMPLETED** 



ROADWAY STANDARD DRAWINGS & LEGEND

MUNWZICNDESIGNGROUDZNSPECIAIPROJECTSNUPUC PROJECTSNW-S6016H (UVERNEAA SIGNING PROJECT)NW-S6016H\_IC\_IMR ":msteelman

10/19/2016 S:\TMU\WZTC\DesignG

## MANAGEMENT STRATEGIES

THE PROJECT CONSISTS OF REMOVING AN EXISTING CANTILEVER SIGN STRUCTURE AND INSTALLING A NEW FULL SPAN OVERHEAD SIGN STRUCTURE ON I-73(SB) NEAR EXIT 97.

TRAFFIC MANAGEMENT STRATEGIES WILL INCLUDE TEMPORARY LANE CLOSURES AND TEMPORARY ROAD CLOSURE USING ROLLING ROAD BLOCK OPERATION.

## GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

#### TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME

DAY AND TIME RESTRICTIONS

I-73

SINGLE LANE CLOSURE:
MONDAY - SUNDAY FROM 6:00 A.M. TO 7:00 P.M.

DOUBLE LANE CLOSURE:

MONDAY - SUNDAY FROM 6:00 A.M. TO 8:00 P.M.

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME

I-73

#### HOLIDAY

- 1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- 2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31st TO 7:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 P.M. THE FOLLOWING TUESDAY.
- 3. FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 7:00 P.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.

PROJ. REFERENCE NO. SHEET NO. W-5601GH TMP-2

- 6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 7:00 P.M. TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 7:00 P.M. MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

#### SPECIAL EVENT

- 9. FOR HIGH POINT FURNITURE MARKET IN 2017, BETWEEN THE HOURS OF 6:00 A.M. APRIL 22 TO 7:00 P.M. APRIL 26, AND FROM 6:00 A.M. OCTOBER 14 TO 7:00 P.M. OCTOBER 18.
- C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME RESTRICTIONS

DURATION AND OPERATION

I-73 MONDAY TO SUNDAY 30 MINUTES FOR OVERHEAD SIGN 6:00 A.M. TO 10:00 P.M. INSTALLATION AND REMOVAL

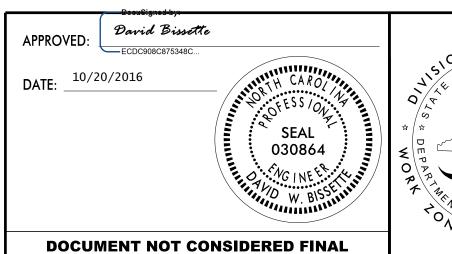
D) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

#### LANE AND SHOULDER CLOSURE REQUIREMENTS

- E) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

- H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- I) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.



**UNLESS ALL SIGNATURES COMPLETED** 

TRANSPORTATION OPERATIONS PLAN

## GENERAL NOTES CONTINUED

#### TRAFFIC PATTERN ALTERATIONS

J) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

#### SIGNING

- K) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- L) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

#### TRAFFIC CONTROL DEVICES

- M) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.
- N) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

## LOCAL NOTE

1) CONTACT THE ENGINEER IF LAW ENFORCEMENT EFFORTS ARE NEEDED TO ASSIST WITH ANY TRAFFIC CONTROL OPERATIONS.

PROJ. REFERENCE NO.	SHEET NO.
W-5601GH	TMP-3

## **PHASING**

#### STEP 1

USING ROADWAY STANDARD DRAWING 1101.01, SHEET 1 OF 3, INSTALL WORK ZONE ADVANCE WARNING SIGNS ALONG NB AND SB I-73.

#### STEP 2

USING ROADWAY STANDARD DRAWING 1101.02, SHEET 4 OF 15, RESET EXISTING GUARDRAIL ALONG NB I-73 MEDIAN TO CLOSE MAINTENANCE OPENING IN VICINITY OF PROPOSED OVERHEAD SIGN STRUCTURE LOCATION. RELOCATE MAINTENANCE OPENING IN GUARDRAIL TO LOCATION SHOWN IN CONTRACT DOCUMENTS OR AS DIRECTED BY THE ENGINEER.

#### STEP 3

USING ROADWAY STANDARD DRAWING 1101.02, SHEET 4 OF 15, ALTERNATELY IMPLEMENT LEFT LANE AND RIGHT LANE CLOSURES IN ORDER TO CONSTRUCT THE VERTICAL SUPPORTS FOR THE PROPOSED OVERHEAD STRUCTURE.

#### STEP 4

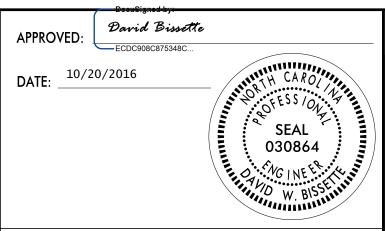
USING ROADWAY STANDARD DRAWING 1101.03, SHEET 9 OF 9, IMPLEMENT TEMPORARY ROAD CLOSURE (ROLLING ROAD BLOCK OPERATION) IN ORDER TO INSTALL THE PROPOSED OVERHEAD SIGN STRUCTURE AND SIGN.

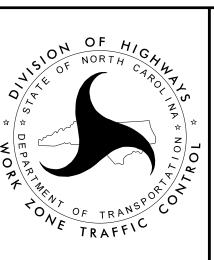
#### STEP 5

USING ROADWAY STANDARD DRAWING 1101.03, SHEET 9 OF 9 (ROLLING ROAD BLOCK OPERATION), REMOVE EXISTING CANTILEVER SIGN AND STRUCTURE.

#### STEP 6

REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.





TRANSPORTATION
OPERATIONS
PLAN

## STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

# SIGNING PLAN GUILFORD COUNTY

LOCATION: OVERHEAD SIGN STRUCTURE ON I-73 SBL AT EXIT 97A-B

PROJECT REFERENCE NO.

W-5601GH

SIGN-1

APPROVED:

Rum B. Roadu

B3C6C6F7CF4640D...

DATE:

SEAL

SEAL

O24921

NG | NE F. B. ROADU

NE B. ROADU

N

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

## ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	<u>TITLE</u>
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
862.01	GUARDRAIL REPLACEMENT

#### SUMMARY OF QUANTITIES ITEM NO. ITEM DESCRIPTION QUANTITY UNIT SECT. DESC. NO. NO. 4025000000 CONTRACTOR FURNISHED, TYPE A SIGN 4025000000 901 CONTRACTOR FURNISHED, TYPE B SIGN 58 S.F. |4057000000| SP OVERHEAD FOOTING C.Y. 4082100000 SUPPORTS, OVERHEAD SIGN STRUCTURE @ 78+20 SBL L.S. DISPOSAL OF SIGN SYSTEM, OVERHEAD EA. 4149000000 907 862 ADDIT GUARDRAIL POST 3150000000 EA. EA. 3270000000 GR ANCHOR TYPE 350... 3210000000 862 GR ANCHOR CAT-1... EA. REMOVE & RESET EXISTING GUARDRAIL 125 L.F. 3345000000

## GENERAL NOTES

- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.

## INDEX

SHEET NO.

DESCRIPTION

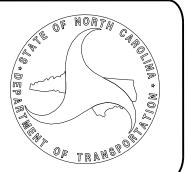
SIGN-1 SIGN-2 & 2A TITLE SHEET
OVERHEAD DETAILS
AND SIGN DESIGNS
SIGNING PLAN SHEET

SIGN-3

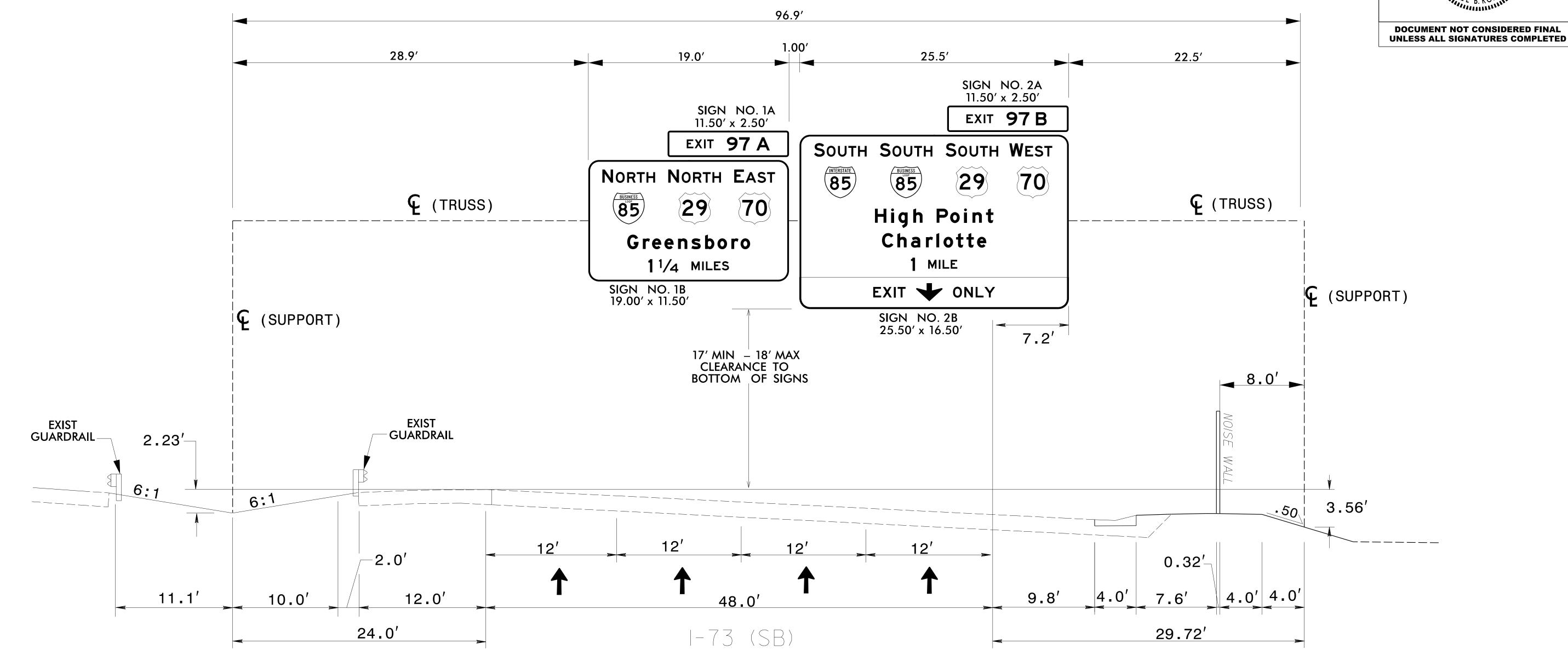
PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

R.B. ROACH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER

S.W. JOHNS SIGNING & DELINEATION PROJECT DESIGN ENGINEER

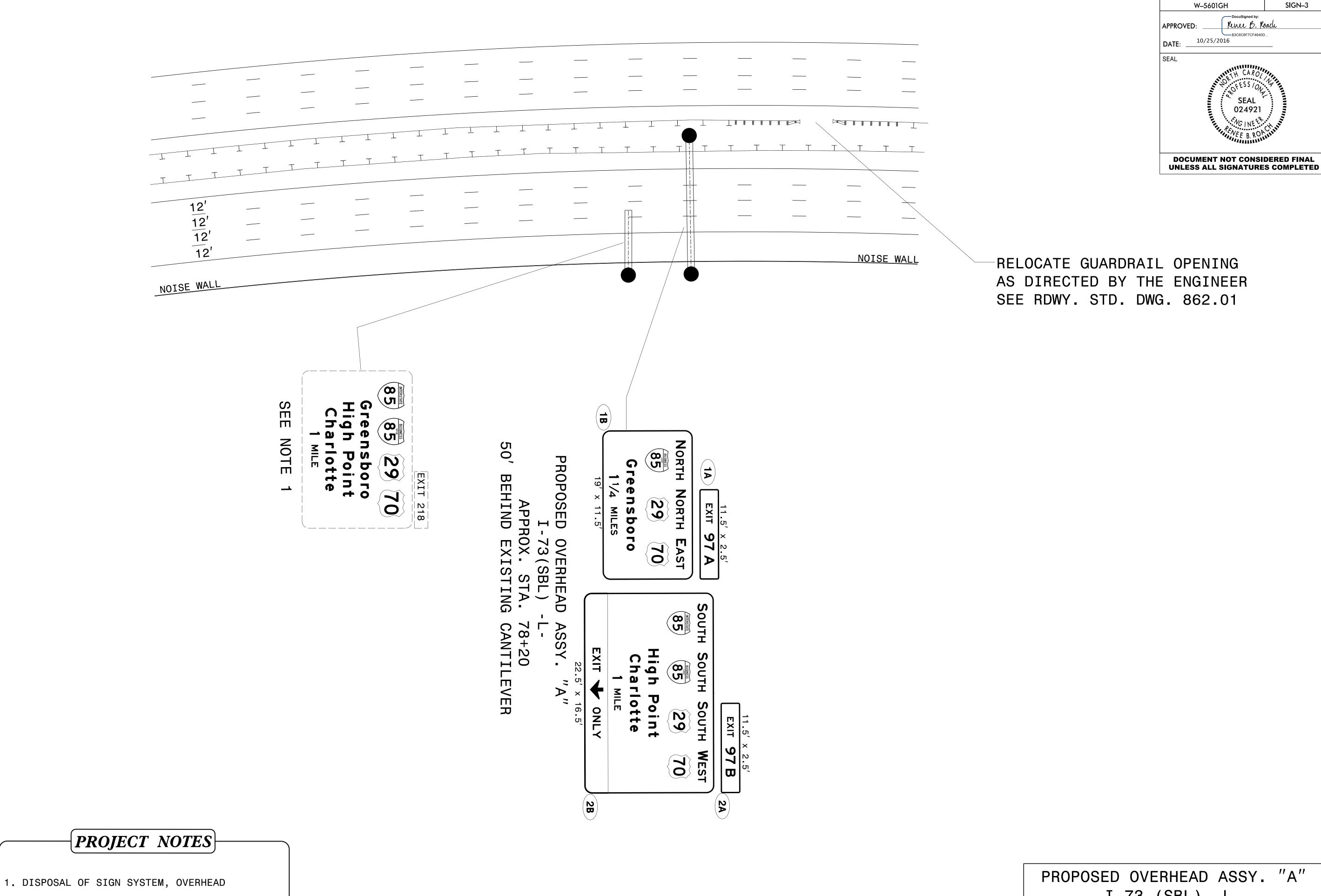


serisjohns



#### NOTES:

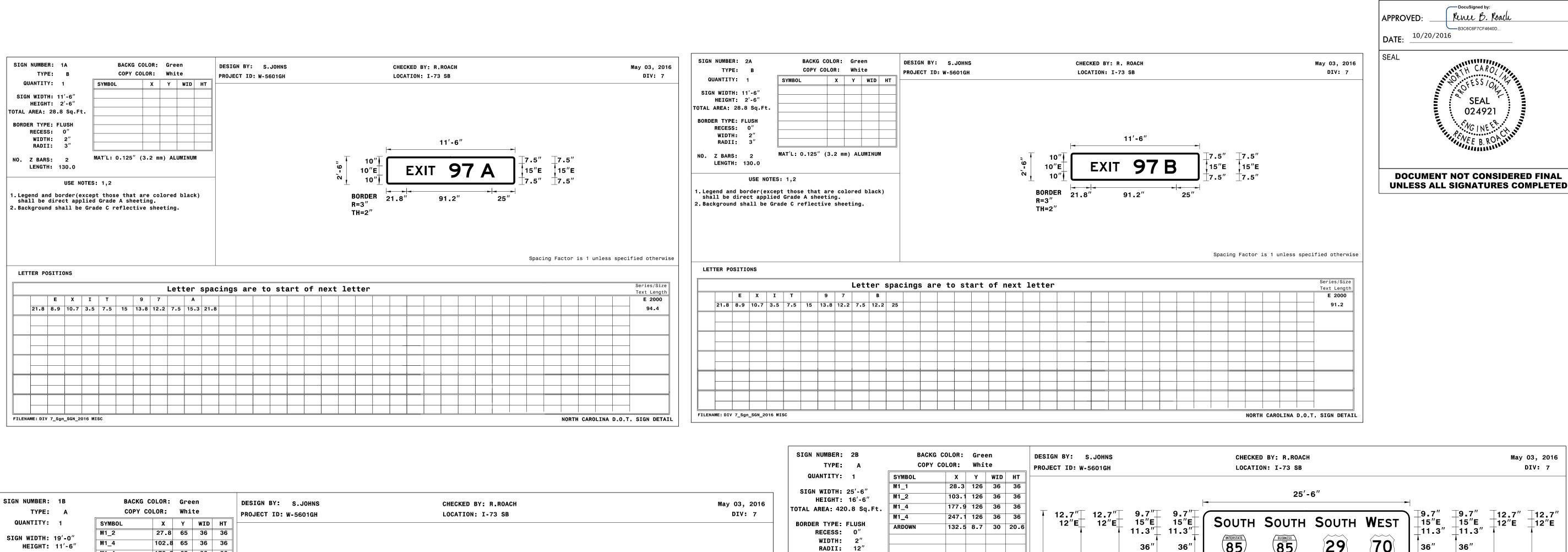
- 1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- 2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- 3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
- 4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
- 5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- 6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.



I-73 (SBL) -L-GUILFORD COUNTY

TIP NO.

SHEET NO.



170.9 65 36 36 TOTAL AREA: 218.5 Sq.Ft. 19'-0" MAT'L: 0.125" (3.2 mm) ALUMINUM NO. Z BARS: 6 **BORDER TYPE: FLUSH** LENGTH: 298.0 13.8" 10.8" 10.8" RECESS: 0" 67.7 ¦<mark>ୱ</mark> | 173.3″| 173.3″ North North East WIDTH: 2" Charlotte 15"E 15"E USE NOTES: 1,2,3,4 RADII: 12" 126" MAT'L: 0.125" (3.2 mm) ALUMINUM 1. Legend and border(except those that are colored black) 15"E NO. Z BARS: 3 36" 36" shall be direct applied Grade A sheeting. LENGTH: 220.0 18.3" 2. Background shall be Grade C reflective sheeting. EXIT 

ONLY 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade A reflective sheeting 12"E 112.2" Greensboro 39.7" 16"EM USE NOTES: 1,2,3 and demòuntabĺe. 64.9" \_\_\_14.2″ \_\_10″E 4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective YELLOW PANEL Legend and border(except those that are colored black) shall be direct applied Grade A sheeting. BORDER 16 45" 11/4 MILES 15"E 15"E 273.1" R=12" sheeting. Arrow shall be on 0.032" aluminum. 10.2″∑ R=12" 2. Background shall be Grade C reflective sheeting. TH=1.5" black non-reflective sheeting an demountable. TH=2" 3 Shields; A, B, and C type arrows shall be on IN=0.5" Yellow panel is: 306" x 36" BORDER 15 85" 0.032" (0.8mm) aluminum with Grade A reflective sheeting 196.3" 15 85" R=12" LETTER POSITIONS TH=2" Letter spacings are to start of next letter Spacing Factor is 1 unless specified otherwise S 0 U T H 16.5 12.2 2.2 12.8 11.8 11 9.7 229.8 LETTER POSITIONS S 0 U T H Series/Size 91.2 12.1 2.3 12.8 11.8 11 9.7 155 Letter spacings are to start of next letter Text Length S 0 U T H 0 R T H E 2000 166 12.2 2.3 12.8 11.8 11 9.7 80.3 15.9 12.2 3.1 12.8 11 11 9.7 152.2 59.9 E 2000 | W | E | S | T | N O R T H 240.8 15.9 2.2 10.7 11 9 16.5 90.8 12.2 3.1 12.8 11 11 9.7 77.3 59.9 H i g h P o i n t | E | A | S | T | E 2000 85.7 18.4 8.2 17 10.6 16 15.4 15.8 9.6 15.4 8.3 85.7 165.8 11.3 1.5 13.6 11 9 15.9 46.4 EM 2000 | C | h | a | r | 1 | o | t | t | e | G r e e n s b o r o 93.7 17.4 15.5 17 11.8 8.2 14.2 11.8 12 10.6 93.7 44.2 17.8 10.4 14.1 15.5 15.2 15.5 14.1 15.8 10.4 10.9 44.2 139.7 1 M I L E E 2000 | 1/4 | M | I | L | E | S | 126.7 4.5 15 12 4.4 9.2 7.5 126. 68.2 4.5 7.5 22 15 12 4.4 9.2 8.9 8.1 68.2 91.6 | E | X | I | T | 83.8 10.7 12.8 4.2 9 185.5 0 N L Y 174.5 12.8 12.8 10 12.2 83.7 FILENAME: DIV 7\_Sgn\_SGN\_2016 MISC NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN DESIGNS

SHEET NO.

SIGN-2A

May 03, 2016

 $\overline{\phantom{a}}$ 12.7 $^{\prime\prime}$   $\overline{\phantom{a}}$ 12.7 $^{\prime\prime}$ 

‡20.6" <u></u>12"E

13″

Series/Size

Text Length

E 2000

59.8

E 2000

59.8

E 2000

59.8

E 2000

48.8

EM 2000

134.6

EM 2000

118.6

E 2000

52.6 E 2000

36.7 E 2000

47.9

NORTH CAROLINA D.O.T. SIGN DETAIL

144"

**±8.7**″

15"E

\_11**.**3″

16"EM

14.2" 10"E 19.7"

36"

16.45"

36"

**∐11.3**″

36"

36"

Spacing Factor is 1 unless specified otherwise

DIV: 7

148.3"

TIP NO. W-5601GH

Rence B. Roach

024921

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